What is claimed is:

1. A compound of formula (I)

$$R_{5}$$
 R_{6}
 R_{7}
 R_{7}
 R_{7}
 R_{7}
 R_{7}
 R_{8}
 R_{1}
 R_{2}
 R_{2}
 R_{3}
 R_{4}
 R_{4}

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wherein:

 R_1 is H or substituted or unsubstituted (C_{1-6})alkyl;

R₂ is substituted or unsubstituted aryl, (C₃₋₇)cycloalkyl, or heterocycle;

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 R_3 is H or substituted or unsubstituted (C_{1-6})alkyl, (C_{3-7})cycloalkyl, aryl or heterocycle;

A is NR₈ or O;

15 R₈ is H or substituted or unsubstituted (C₁₋₆)alkyl;

R₄ is substituted or unsubstituted phenyl;

R₅ is H or up to three substitutents independently selected from the list consisting of alkyl, alkenyl, aryl, alkoxy, or a hydroxylated deriviative thereof, hydroxy, halogen, nitro, cyano, carboxy, alkylcarboxy, alkylcarboxyalkyl, haloalkyl, amino or mono- or dialkylamino; or R₅ represents a bridging moiety which is arranged to bridge two adjacent ring atoms wherein the bridging moiety comprises alkyl or dioxyalkylene;

25 R₆ is H or halo;

R7 is exo; and

n is 1 to 4.

WO 2004/066951 PCT/US2004/002425

- 2. A compound according to claim 1 wherein R₁ is methyl.
- A compound according to claim 1 wherein R₂ is substituted or unsubstituted phenyl or
 cyclohexyl.
 - 4. A compound according to claim 1 wherein R₃ or methyl or substituted or unsubstituted morpholino, piperizine, pyrrole, piperidine, thiophene, imidazole, or pyrazole.
- 10 5. A compound according to claim 1 wherein R₈ is H or methyl.
 - 6. A compound according to claim 1 wherein R_4 is phenyl substituted with one to three fluorines.
- 15 7. A compound according to claim 1 wherein R₅ is H or fluoro.
 - 8. A compound according to claim 1 wherein R_6 is H or fluoro.
 - 9. A compound according to claim 1 which is:

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- 20 2-(3,5-Difluoro-phenyl)-6-fluoro-3-{4-[2-(4-methyl-piperazin-1-yl)-2-oxo-ethyl]-3-oxo-piperazin-1-ylmethyl}-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide;
 - 2-(3,5-Difluoro-phenyl)-6-fluoro-3-[3-oxo-piperidin-1-yl-ethyl)-piperazin-1-ylmethyl]-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide;
 - 6-Fluoro-2-(4-fluoro-phenyl)-3-[4-(2-morpholin-4-yl-2-oxo-ethyl)-3-oxo-piperazin-1-ylmethyl]-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide;
- 6-Fluoro-2-(4-fluoro-phenyl)-3-{4-[2-(4-methyl-piperazin-1-yl)-2-oxo-ethyl]-3-oxo-piperazin-1-ylmethyl}-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide; and
 - 6-Fluoro-2-(4-fluoro-phenyl)-3-[3-oxo-4-(2-oxo-2-pyrrolidin-1-yl-ethyl)-piperazin-1-ylmethyl]-quinoline-4-carboxylic acid ((S)-1-cyclohexyl-ethyl)-amide; or a pharmaceutically acceptable salt thereof.

WO 2004/066951 PCT/US2004/002425

10. A process for the preparation of a compound of formula (I) according to claim 1 or a salt thereof and/or a solvate thereof, which process comprises reacting a compound of formula (II) or an active derivative thereof:

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(II)

wherein R'_4 , R'_5 , R'_6 and X' are R_4 , R_5 , R_6 and X respectively as hereinbefore defined in relation to formula (I) or a group convertible to R_4 , R_5 , R_6 and X respectively; with a compound of formula (III):

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$$\begin{array}{cccc}
H & R'_1 \\
H & R'_2
\end{array}$$
(III)

wherein R'_1 and R'_2 , are R_1 and R_2 as defined for formula (I) or a group or atom convertible to R_1 and R_2 respectively; to form a compound of formula (Ic):

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wherein R'_{1} , R'_{2} , X', R'_{4} , R'_{5} and R'_{6} are as defined above, and thereafter carrying out one or more of the following optional steps:

- (i) converting any one of R'₁, R'₂, X', R'₄, R'₅ and R'₆ to R₁, R₂, X, R₄, R₅ and R₆
 respectively as required, to obtain a compound of formula (I);
 - (ii) converting a compound of formula (I) into another compound of formula (I); and
 - (iii) preparing a salt of the compound of formula (I) and/or a solvate thereof.

WO 2004/066951 PCT/US2004/002425

11. A pharmaceutical composition which comprises a compound according to claim 1 and a pharmaceutically acceptable carrier.

12. A method of treating respiratory diseases in mammals, which comprises administering an effective amount of a compound according to claim 1.